

	L #	Hits	Search Text	DBs
1	L1	2	4628755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
2	L2	2	5776585.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
3	L3	34963	frictional adj force	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
4	L4	5898	computer near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
5	L6	643	weight near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
6	L7	1031	(345/163-166).cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
7	L8	22	6 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
8	L10	1	3 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
9	L9	50	magnet and (mouse adj pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
10	L11	353916	magnet or magnets	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
11	L12	0	3 and 4 and 6 and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
12	L13	2	4628755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	L #	Hits	Search Text	DBs
13	L14	60	11 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20030313	9	Wireless peripherals charged by electromagnetic induction	US 20030048254 A1	345/163	345/158
2	20030227	8	Computer mouse and stand-mounted mouse pad system	US 20030038782 A1	345/163	
3	20021226	50	Level/position sensor and related electronic circuitry for interactive toy	US 20020196156 A1	340/689	345/157; 345/158; 345/164
4	20021205	7	Constant even contact mouse device	US 20020180703 A1	345/163	
5	20021024	13	Stabilized tactile output mechanism for computer interface devices	US 20020154094 A1	345/163	
6	20020829	10	Self-powered cordless mouse	US 20020118173 A1	345/163	
7	20020502	27	Force feedback applications based on cursor engagement with graphical targets	US 20020050978 A1	345/156	345/163
8	20020314	29	Force feedback interface device with force functionality button	US 20020030664 A1	345/163	345/701
9	20020110	12	MAGNETICALLY COUPLED INPUT DEVICE	US 20020003527 A1	345/156	345/164; 345/167
10	20011004	45	Force feedback interface device with touchpad sensor	US 20010026266 A1	345/163	
11	20010726	6	Optical tracking of captive ball in a computer pointing device or joy stick	US 20010009414 A1	345/163	
12	20030408	6	Operating device having an actuator with at least two adjustment degrees of freedom	US 6545662 B1	345/158	345/165
13	20030225	19	Pointing device with an annular rotating ring	US 6525714 B1	345/164	345/157; 345/167
14	20030107	13	Electronic controller	US 6505088 B1	700/85	345/163
15	20030107	9	Magnetic mouse and/or mouse-pad	US 6504528 B1	345/163	345/156

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
16	20021217	14	Moving position detector	US 6496179 B1	345/163	345/156; 345/157; 345/164
17	20021015	10	Computer input device	US 6466200 B1	345/163	200/61.45M; 200/61.45R; 200/61.47; 307/112; 307/122; 335/47; 335/54; 340/467; 341/176; 341/31; 345/157; 345/161; 345/168; 345/184; 73/514.01; 73/514.08
18	20020521	11	Optical mouse having an integrated camera	US 6392632 B1	345/158	345/156; 345/163; 345/166; 382/313; 382/314
19	20020305	16	Low cost force feedback device with actuator for non-primary axis	US 6353427 B1	345/156	345/163
20	20020129	34	Force feedback system including multiple force processors	US 6342880 B1	345/161	345/156; 345/163; 345/167; 345/168; 463/30; 463/37; 463/38
21	20011225	18	Method and apparatus for mouse positioning device based on infrared light sources and detectors	US 6333735 B1	345/175	345/166

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
22	20011113	27	Graphical click surfaces for force feedback applications to provide selection of functions using cursor interaction with a trigger position of a graphical object	US 6317116 B1	345/701	345/163; 345/860
23	20011009	42	Force feedback system including multi-tasking graphical host environment and interface device	US 6300936 B1	345/156	345/157; 345/161; 345/162; 345/163; 345/520; 345/522; 345/708; 345/866
24	20011002	8	Microphone sheath having pointing device and control buttons	US 6297807 B1	345/163	345/156; 381/122
25	20010911	40	Interface device and method for providing indexed cursor control with force feedback	US 6288705 B1	345/163	345/157; 345/856; 463/30
26	20010807	47	Low cost force feedback peripheral with button activated feel sensations	US 6271833 B1	345/161	345/163; 345/184; 463/30; 463/38
27	20010710	46	Isotonic-isometric force feedback interface	US 6259382 B1	341/20	345/163; 345/168; 345/856; 708/140
28	20010515	44	Force feedback interface device having isometric functionality	US 6232891 B1	341/20	345/163; 345/167; 345/701; 708/140
29	20010501	6	Control device for game machine	US 6225975 B1	345/156	273/239; 345/161; 345/163; 463/36; 463/37

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
30	20010417	5	Apparatus panel	US 6219035 B1	345/161	345/164; 345/173; 345/174; 345/184
31	20010403	20	Tactile mouse device	US 6211861 B1	345/163	
32	20010220	43	Mouse interface for providing force feedback	US 6191774 B1	345/163	345/156; 345/184
33	20001226	31	Mouse interface device providing force feedback	US 6166723 A	345/184	345/157; 345/163
34	20001107	11	Electromagnetic active trackball control system using magnets energized in sequence which cause the trackball to move	US 6144370 A	345/167	273/148B; 345/159; 345/164
35	20000926	53	Force feedback implementation in web pages	US 6125385 A	709/203	345/163; 709/217
36	20000808	46	Force feedback mouse interface	US 6100874 A	345/157	345/163
37	20000620	28	Graphical click surfaces for force feedback applications to provide user selection using cursor interaction with a trigger position within a boundary of a graphical object	US 6078308 A	345/856	345/163
38	20000613	7	Coordinate input device	US 6075521 A	345/179	178/18.01; 178/18.03; 178/18.05; 178/18.06; 178/18.07; 345/157; 345/163; 345/173

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
39	20000606	15	Docking system for establishing secure wireless connection between computer devices	US 6072468 A	345/157	345/158; 345/163
40	20000509	46	Providing force feedback using an interface device including an indexing function	US 6061004 A	341/20	341/27; 345/163; 345/167; 345/701; 708/140
41	19990907	7	Joy-stick controller	US 5949404 A	345/161	345/165; 345/166
42	19990727	15	Docking method for establishing secure wireless connection between computer devices	US 5930368 A	380/52	345/163; 380/278; 713/189
43	19990622	17	Apparatus and method for providing detent-like tactile feedback	US 5914705 A	345/163	
44	19981103	10	Input apparatus for a data processing system	US 5831553 A	341/20	341/32; 345/163; 345/164; 345/167
45	19981020	48	Force feedback interface having isotonic and isometric functionality	US 5825308 A	341/20	341/27; 345/163; 345/167; 345/701; 345/856; 708/131
46	19981006	9	Control device for pointing	US 5818427 A	345/163	248/918; 345/164; 708/131
47	19971209	7	Mouse for data entry and control with control of ball friction force	US 5696537 A	345/164	345/167
48	19960730	15	Mouse or trackball system	US 5541621 A	345/167	345/164

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
49	19941206	19	Pen-type computer input device	US 5371516 A	345/179	345/163
50	19930928	8	Track ball	US 5248961 A	345/167	338/128; 345/164
51	19930511	8	Pen-type input device for computers having ball with rotational sensors	US 5210405 A	250/221	345/166
52	19930216	15	Virtual graphics display capable of presenting icons and windows to the blind computer user and method	US 5186629 A	434/114	340/825.19; 345/163; 345/702; 345/781; 434/112; 434/116
53	19921201	16	Pivotal magnetic coupling and position sensor	US 5168221 A	324/207.13	324/207.2; 324/207.22; 33/1M; 345/161; 345/164; 345/167; 73/779; 74/471XY; 901/15; 901/2; 901/46
54	19901002	14	System and apparatus for providing three dimensions of input into a host processor	US 4961138 A	178/19.04	345/163
55	19900612	8	Cursor	US 4933671 A	345/163	178/19.01
56	19900501	8	Apparatus for determining distance coordinates	US 4922444 A	702/150	345/163; 73/493; 73/510; 73/514.21
57	19890919	10	Feedback mouse	US 4868549 A	345/164	

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
58	19861216	12	X-Y position controller having axially-inclined transducer members	US 4628755 A	74/471XY	33/1M; 345/163
59	19741210	13	AUTO-MONITORING COMMUNICATION DEVICES FOR HANDICAPPED PERSONS	US 3854131 A	341/21	178/17C; 200/5R; 335/206; 340/825.19; 345/163; 345/173; 400/479
60	19711012	16	CURSOR CONTROL SYSTEM	US 3613090 A	341/5	33/1M; 341/13; 341/6; 345/165

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20021219	16	Seeing eye mouse for a computer system	US 20020190953 A1	345/166	
2	20021024	12	Ergonomic computer mouse	US 20020154095 A1	345/163	
3	20020718	16	Seeing eye mouse for a computer system	US 20020093486 A1	345/166	
4	20020314	29	Force feedback interface device with force functionality button	US 20020030664 A1	345/163	345/701
5	20011213	12	Ergonomic fingertip computer mouse	US 20010050673 A1	345/163	
6	20020813	17	Seeing eye mouse for a computer system	US 6433780 B1	345/166	345/158
7	20020625	9	Mouse with battery compartment on top	US 6411281 B1	345/163	
8	20020409	12	Multiple signaling mouse with faceted surfaces	US 6369797 B1	345/163	345/164
9	20020205	32	Optical retroreflective remote control	US 6344846 B1	345/166	345/156; 359/152; 359/168; 359/169
10	20011009	42	Force feedback system including multi-tasking graphical host environment and interface device	US 6300936 B1	345/156	345/157; 345/161; 345/162; 345/163; 345/520; 345/522; 345/708; 345/866
11	20010828	15	Proximity detector for a seeing eye mouse	US 6281882 B1	345/166	345/158
12	20001226	31	Mouse interface device providing force feedback	US 6166723 A	345/184	345/157; 345/163
13	20001024	6	Air cooled mouse for a personal computer	US 6135876 A	454/184	345/163; 454/370

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	2	4628755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	2	5776585.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	34963	frictional adj force	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	5898	computer near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L6	643	weight near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L7	1031	(345/163-166).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L8	22	6 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L10	1	3 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	50	magnet and (mouse adj pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L11	353916	magnet or magnets	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L12	0	3 and 4 and 6 and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L13	2	4628755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L14	60	11 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
14	20000829	24	Cordless retroreflective optical computer mouse	US 6111563 A	345/166	345/158; 345/163; 345/164; 345/165
15	19980707	21	Mouse pad	US 5776585 A	428/141	248/346.01; 345/163; 428/152; 428/156; 428/220
16	19980519	11	Multiple signalling mouse with faceted surfaces	US 5754168 A	345/163	345/164
17	19961203	8	Anti-carpal tunnel device (ACTD) for computer operators	US 5581277 A	345/163	248/118.1; D14/417
18	19961119	6	Ergonomic computer mouse	US 5576733 A	345/163	D14/405
19	19931109	11	Multiple signaling mouse with faceted surfaces	US 5260696 A	345/163	345/157; 74/471XY
20	19910702	7	Silicone/zirconium ball for use in a cursor control device	US 5029292 A	345/165	74/471XY
21	19890117	10	Mouse operating pad	US 4799054 A	345/163	345/156
22	19861216	12	X-Y position controller having axially-inclined transducer members	US 4628755 A	74/471XY	33/1M; 345/163

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	2	4628755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	2	5776585.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	34963	frictional adj force	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	5898	computer near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L6	643	weight near mouse	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L7	1031	(345/163-166).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L8	22	6 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB